

LIST OF ACRONYMS AND ABBREVIATIONS

°C	degrees centigrade
CASRN	Chemical Abstracts Service Registry Number
CDS	chemical detection system
Cm	centimeter
CV	coefficient of variation
DCIWG	Dermal Corrosivity and Irritation Working Group (ICCVAM)
DABT	Diplomate, American Board of Toxicology
DACLAM	Diplomate, American College of Laboratory Animal Medicine
DACVP	Diplomate, American College of Veterinary Pathology
DOT	U.S. Department of Transportation
ECVAM	European Centre for the Validation of Alternative Methods
EPA	U.S. Environmental Protection Agency
EPI-200	EpiDerm™ (MatTek Corp., Ashland, MA, USA.)
EU	European Union
FR	<i>Federal Register</i>
g	gram
GHS	Globally Harmonized Classification System
GLP	Good Laboratory Practice
Hz	hertz
ICCVAM	Interagency Coordinating Committee on the Validation of Alternative Methods
kg	kilogram
kΩ	killiOhm
L	liter
M	molar
mg	milligrams
mL	milliliter
mm	millimeter
mM	millimolar
NICEATM	NTP Interagency Center for the Evaluation of Alternative Toxicological Methods
NIEHS	National Institute of Environmental Health Sciences
NIH	National Institutes of Health
nm	nanometer
NTP	National Toxicology Program
OD	optical density

LIST OF ACRONYMS AND ABBREVIATIONS (Cont.)

OECD	Organisation for Economic Co-operation and Development
PETA	People for the Ethical Treatment of Animals
pH	A measure of the negative logarithm of the H ⁺ ion concentration
P.L.	Public Law
PTFE	polytetrafluoroethylene
QC	quality control
R34	EU classification for chemicals that cause dermal corrosion following a 4-hour application, includes chemicals classified as UN Transportation Packing Group II or III
R35	EU classification for chemicals that cause dermal corrosion following a 3-minute application, analogous to UN Transportation Packing Group I
3Rs	Refinement, Reduction, and Replacement (of animal use)
SAR	Structure activity relationships
SDS	sodium dodecyl sulfate
SOP	Standard Operating Procedure
TER	transcutaneous electrical resistance
TG	Test Guideline
TM	Trademark
®	Registered Trademark
µg	microgram
µL	microliter
UN	United Nations
V	volt
v/v	volume to volume ratio
w/v	weight to volume ratio
ZEBET	Zentralstelle zur Erfassung und Bewertung von Ersatz- und Ergänzungsmethoden zum Tierversuch (German Centre for Documentation and Evaluation of Alternatives to Animal Experiments)